

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/008559

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01R12/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 902 146 A (HANAMI ET AL) 11 May 1999 (1999-05-11) column 2, line 54 ~ column 4, line 24; figures 1,2	1-3,7,9
Y	-----	8
A	EP 1 337 009 A (SUMITOMO WIRING SYSTEMS, LTD) 20 August 2003 (2003-08-20) paragraph '0054!; figure 1	4
A	US 4 632 486 A (HASIRCOGLU ET AL) 30 December 1986 (1986-12-30) column 2, line 30 ~ line 35	5
Y	US 4 464 002 A (SUZUKI ET AL) 7 August 1984 (1984-08-07) figures 4-7	8
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

28 June 2005

Date of mailing of the international search report

08/07/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2002, no. 05, 3 May 2002 (2002-05-03) & JP 2002 025667 A (HIROSE ELECTRIC CO LTD), 25 January 2002 (2002-01-25) cited in the application abstract; figures 4,5,7-10 -----</p>	4

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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